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EXPERIMENTAL GARDEN

Creations and Special Selections

For Discriminating Flower Growers

"NOT A LONG LIST • BUT A GOOD ONE"

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MAR 30 1936

U. S. Department of Agriculture

GLADIOLUS SPECIES - For fall planting.

BYZANTINUS (Turkish Corn Flag) - Dainty violet-red flowers in June.

Height, 2½ feet. Hardy at 20 below zero. Each, 35¢ Dozen, \$3.50

CARLINALIS ELEGANS (Superb Gladiolus) - Carmine-red and salmon, with white throat. Blooms in May or June. Start in pots. Each, 50¢

COMMUNIS - Native of central Europe. Dainty violet-red flowers in early June. Height, 2 feet. Hardy at 20 below zero. Each, 50¢ Dozen, 5.00

TRISTIS - Cream-yellow flowers, fragrant at night. Pot culture only, except in extreme south and Pacific coast. Dozen, 2.00

TRISTIS CONCOLOR - Cream flowers with brown spots. Sweetly fragrant after sunset. Pot culture only. Dozen, 2.00

GLADIOLUS SPECIES - For spring planting.

DRACOCEPHALUS (Dragonhead Gladiolus) - Hooded greenish-bronze flowers.

An unusual novelty in the summer garden. Dozen, 1.20

PRIMULINUS (Maid of the Mist) - Hooded yellow flowers. From the foot of Victoria Falls in tropical Africa. Dozen, 1.20

PSITTACINUS (Parrot Gladiolus) - Hooded red and yellow flowers. From Cape Colony, South Africa. Dozen, 1.75

BABY GLADIOLUS - These bloom very early in spring, long before the garden varieties. They must be planted in pots, requiring the same culture as Freesias. Among the oldest hybrids in cultivation.

HERALD HYBRID, JOOST VAN VONDEL - Scarlet, marked white. Dozen, 1.50 This blooms a little earlier than the Nanus hybrids.

NANUS HYBRIDS - (these include the Colvillei hybrids)

APOLLO - Salmon. Dozen, 1.50

BLUSHING BRIDE - White, marked crimson. Dozen, 1.00

BRILLIANT - Crimson, marked white. Dozen, 1.00

CRIMSON QUEEN - Deep crimson. Dozen, 1.50

PEACH BLOSSOM - Rose pink. Dozen, 1.00

RED BRIDE - Red inside, green back. Each, 75¢

THE BRIDE - Pure white. Dozen, 1.00

TECOTOTE HYBRIDS - A new strain produced by crossing the Nanus and Ramosus hybrids. Mixed colors only. Dozen, 1.00

PLEASE READ CAREFULLY BEFORE ORDERING

TERMS - Cash, money order, draft or check with orders under \$5.00. On orders amounting to more than \$5.00, 25% will reserve stock, balance to be paid before shipment of bulbs. Everything shipped prepaid.

PRICES - One bulb at 1/10th dozen rate, 6 at half dozen rate, 50 at the hundred rate.

ALL STOCK LISTED HEREIN IS SUBJECT TO PRIOR SALE OR LOSS BY DESTRUCTION

PHILIP O. BUCH

Originator of the Alternate-Petaled Gladiolus

106 Rockaway Avenue

ROCKAWAY, New Jersey

MEMBER: AMERICAN AND NEW ENGLAND GLADIOLUS SOCIETIES

WE have learned that plant life is as plastic in our hands as clay in the hands of the artist. Plants can be readily moulded into more beautiful forms and colors than any sculptor can ever hope to equal. — Burbank.

BU CREATIONS

My Own Originations — Not Obtainable Elsewhere.

GLADIOLUS ALTERNATUS

TRADE MARK

A NEW RACE OF HORTICULTURAL HYBRIDS developed in my experimental garden, the florets of which are characterized by their alternating small and large petals. This new form is one of the few really distinct breaks in the conventional gladiolus form, and is the only type of gladiolus with symmetrical form extant. It is a man-made species. READ THE STORY OF THE DEVELOPMENT OF GLADIOLUS ALTERNATUS IN THE 1936 YEARBOOK OF THE N.E.G.S., page 38, and see the photographs facing page 47. Gladiolus Alternatus is dainty enough for the rockery, yet rugged enough for the hardy border or cut flower garden. Their wiry stems withstand lashing winds. You never find them lying across the paths, and an umbrella stand is not required for displaying them in the home. The daintiest bowls or vases may be used on desk or table. Be among the first to grow and exhibit these rare new sorts in your community. Florists will also find them useful. The flowers present harmonious color combinations in themselves and are so uniformly placed that there is an entire lack of top-heaviness. The spikes have a light, airy grace and pleasing balance, and the blooms just smile skyward.

ALTERNATUS PREMIER - 1930. Large petals self-colored cherry-red, the alternating small petals same shade, with cream blotch and dark red feathering. Reverse of small petals cream, tipped red. Flowers under 3 inches. Small Decorative. Approximately 74 days. Dozen, Large, \$2.00 Medium, \$1.50 Small, \$1.00 Bulblets, \$2.00 per 100

ALTERNATUS TRIAD - 1935. All six petals light violet-red, each with a pale yellow blotch. Flowers under 3 inches. Small Decorative. Approximately 100 days. Each, \$2.00 (Quantity limited)

ALTERNATUS TRIANON - 1936. All six petals light red with dark red plume on large petals and red-violet plume on alternating small petals. Flowers under 3 inches. Small Decorative. Approximately 103 days. Each, \$3.00 (Very limited quantity)

Special Treat for Experimenters - Seeds from Gladiolus Alternatus, direct from headquarters. I am now growing the results of many years of experimentation in many colors. These new creations will be introduced as rapidly as propagation permits. In the meantime, you may try your luck with these seeds. Good results may be expected, but are not guaranteed. This naturally produced seed is very limited. Gladiolus zealots may obtain a packet of 25 seeds for \$1.00 Whatever comes out is your own.

WANTED - COMMERCIAL GROWER WITH VISION TO DISSEMINATE ABOVE AND INTRODUCE NEW CREATIONS. Write conditions on your letterhead - no kibitzers wanted. Full information from this end available to any interested reputable grower. My hybridizing work is a hobby and I prefer to produce rather than sell. A rare opportunity to get in on the ground floor for the alert.

BERtha M. BUCH - Large Decorative, with five or six 5-inch flowers open at once. Deep rose pink with narrow creamy yellow blotch overlaid with ruby feather. Approximately 95 days. Large, \$1.00 Medium, 75¢ Small, 50¢ Bulblets, \$1.00 per dozen.

THE fundamental principles of plant breeding are simple. The practical application of these principles demands the highest and most refined efforts of which the mind of man is capable, and no line of mental effort promises more for the elevation, advancement, prosperity and happiness of the human race.—Burbank.

BLUE RIBBON WINNERS

Outstanding GLADS of Other Originators

LADY LUCK MIXTURE

The composition of this mixture is the surplus from my breeding stock, consisting of the present and recent A.G.S. Favorite Fifty varieties, some of Luther Burbank's creations, and many unnamed seedlings of my own. I have limited my own breeding experiments to *Gladiolus Alternatus*, pure self-colors in standard forms, and to the development of hardy and fragrant *gladiolus*. Regardless of worth, everything else goes into this grab-bag, excepting, of course, those seedlings which do not come up to the standards I have set. All are either Large Decorative or Exhibition types. No flowers under 3 inches, or I make good - bulb for bulb. No names, but a riot of color and many new faces for your garden. An excellent buy if you do not care to keep names separate. Good reports come in each year from the collections I send out.

Large, \$1.00 per dozen, \$6.50 per 100 Medium, 75¢ per dozen, \$5.00 per 100
Small, 50¢ per dozen, \$3.50 per 100

LADY LUCK BULBLETS

A rare opportunity to get a start with the fine new ones. To increase them in great numbers, buy bulblets. In addition to what is listed above, this bulblet mixture contains the offspring of all unbloomed seedlings! I can guarantee nothing, but I know that some of the parents of these little fellows will some day be christened. My collections have been so popular in the past that I have decided to continue offering them. If well-grown, a few will bloom this season, many will bloom next year, and practically all will bloom the third year. Dozen, 25¢ 100 for \$1.25

LADY LUCK GLADIOLUS SEEDS

Only a moderate quantity of seed is allowed to set naturally on selected specimens among my breeding stock, therefore this seed is very limited. Understand, please, that this seed is produced by the finest named varieties obtainable and sired by the same high class types. Do not confuse this with the ordinary run-of-the-field seed from which little can be expected. Potential blue ribbon winners are here. If you are endowed with the necessary patience, some very lovely seedlings should be your reward in two or three years. The only thing lacking will be the pedigree, and if you do not keep names separate, what good is that? 50 seeds for 50¢

SOME RARE IRID COUSINS

ACILANTHERA BICOLOR - Native of Ethiopia. Exquisitely fragrant white flowers with chocolate blotches. Height, 2 feet. Start in pots March 15 to April 1 and it will bloom with the Glads in the garden. Each, 35¢

ANOMATHECA JUNCEA - A *Lapeyrousia* with rose-scarlet flowers in late June or July. Has *Freesia*-like foliage. Each, 35¢ Dozen, \$3.50

ANTHOLYZA PANICULATA - Red-yellow flowers resembling *Watsonias*, requiring the same culture. Each, 15¢ Dozen, \$1.25

BABIANA STRICTA (Blue *Freesia*) - Flowers vary from gentian-blue to wine-purple. Culture same as for *Freesia*. Height, 10 inches. Each, 15¢ Dozen, \$1.25

CROCUS - Spring flowering species. Plant in October. Perfectly hardy. Excellent subjects for the rockery, blooming real early in spring.

BIFLORUS (Scotch *Crocus*) - White, striped lilac. Scented. Dozen, \$1.50

ETRUSCUS - Self-colored mauve. Dozen, \$1.50

LUPERATI - Violet, outside buff, striped purple. Early. Dozen, \$1.50

CROCUS, continued.

KOROLKOWI - Golden yellow to orange, shaded bronze. Dozen, \$1.50
SIEBERI - Delicate blue with golden throat. Very early. Dozen, \$1.25
SUSIANUS (Cloth of Gold) - Golden yellow, striped brown. Dozen, 60¢
TOMMASINIANUS - Pale lavender, gray outside. Dozen, \$1.00
VERNUS HYBRIDS (Dutch Crocus) - Mixed colors only. Dozen, 60¢
VERSICOLOR (Cloth of Silver) - White, pencilled purple. Dozen, 65¢

Fall-blooming Crocus species - Plant in fall or in early spring.

SATIVUS (Saffron Crocus) - Purplish-lilac, feathered violet, and scented.
Dozen, 90¢

SPECIOSUS - Blue, with yellow throat. Dozen, 90¢
SPECIOSUS AITCHISONI - Lavender, with silvery flush. Dozen, \$1.10
SPECIOSUS ARTABIR - Pale blue. Dozen, \$1.10
SPECIOSUS GLOBOSUS - Bright blue. Dozen, \$1.20
SPECIOSUS POLLUX - Pale violet-blue, white outside. Dozen, \$1.10
ZONATUS - Rose-lilac, with yellow throat. Dozen, 75¢

CYPELLA HERBERTI - Figridia-like irid from Argentina. Yellow. Each, \$1.00
DIERA PULCHERRIMA (Wedding Bells) - Rose colored flowers. Each, 50¢
EUSTYLIS ACUTA - A blue cousin of the Figridia. Dozen, \$2.00
FREESIA HYBRIDS - Sweetly-scented spring-blooming bulbs, for pot culture only. Plant in early fall. Mixed colors only. Dozen, 60¢
HERBERTIA CAERULEA - A pale blue relative of Figridia. Each, 40¢
HERMODOCTYLUS PUBERULA - Not a bulb. Olive-green flowers with purple falls. Perfectly hardy. Rare. Each, 75¢
HOMERIA ELEGANS - Related to Sparaxis, requiring same culture. Orange, with large blotch. Native of Africa. Dozen, \$1.10
IXIA (Corn Lily) - Native of South Africa. Blooms in early spring. Plant in fall in protected location and mulch thickly. Dozen, 50¢ (Mixed)
LAPEYROUSIA HYBRIDS - Known as Flame Freesias. Require same culture as Freesias. Mixed colors only. Dozen, \$1.25
LIBERTIA FLORENS - Native of Chile. Bears attractive umbels of white and greenish-brown flowers on tall spikes. Each, 30¢ Dozen, \$3.00
NEMASTYLIS ACUTA - Sky blue irid with overlapping segments. Each, 40¢
SALPINGOSTYLIS COELISTINA (Ixia coelistina) - Sky blue summer bloomer. Each, 40¢ Dozen, \$3.50
SPARAXIS - Spikes 6 to 8 inches high. Flowers tigered, blotched, spotted, streaked and flushed in all colors. Requires Ixia culture outdoors, or may be given Freesia culture indoors. Mixed colors only. Dozen, 75¢
TIGRIDIA (Mexican Shell Flower) - Blooms from midsummer to frost. Height, 2 feet. Culture same as for garden Gladiolus. Mixed hybrids, \$2.00 doz.
TRITONIA ORCATA (Orange Ixia) - Height, 10 inches. Requires Freesia culture. Dozen, 75¢
TRITONIA CHOCOSIA - Resembles a tan Freesia, blooming a little later, but requiring same culture. Dozen, \$2.00
TRITONIA ROSEA - Star-shaped rose flowers in summer. Dozen, \$3.00

FOR THE HARDY BORDER - FRESH SEEDS FROM MY EXPERIMENTAL LOT
Uniform price, 10¢ packet

Japanese Iris, mixed hybrids	Coral Lily (L. tenuifolium)
Siberian Iris, mixed hybrids	Golden Glean Lily hybrid of above and
Perennial Pea, mixed (Burbank's)	L. martagon album
Oriental Poppy, scarlet	Lilac Lily (L. cernuum)
Bellflower (Platycodon) mixed	Canada Lily - from 7 foot specimens
Shasta Daisy (Burbank strain)	Mexican Yucca (Y. filamentosa)

PLANT PERENNIALS FOR PERMANENCE, PLEASURE, AND THE THRILLS TO COME

DOES YOUR NEIGHBOR WANT ONE OF THESE LISTS?